NAZEM et al.
Application No.: 09/393,718
Page 2

PATENT

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-9 (Cancelled).

1   10.   (Currently Amended) In a page server coupled to a network, a

2   method of providing a customized page to a user, wherein the customized page is

3   customized according to the user's preferences, the method comprising the steps of:

4   obtaining real-time information from information sources;

5   storing the real-time information in a storage device;

6   <u>storing a user-specific template program for the user in a data structure</u>

7   <u>indexed by a user identifier unique to the user;</u>

8   receiving, from a̶ <u>the</u> user and at the page server, a user request for a

9   customized page; and thereafter

10   <u>determining a user identifier associated with the request;</u>

11   <u>retrieving a stored template program specific to the user in the data</u>

12   <u>structure using the determined user identifier associated with the request;</u>

13   executing a̶ <u>the</u> template program specific to the user using the real-time

14   information stored in the storage device as input to the template program to generate the

15   customized page, wherein the template program indicates items of interest to the user;

16   and

17   providing the user with the customized page, wherein the customized page

18   includes at least one item of real-time information selected from the storage device.

1   11.   (Original) The method of claim 10, further including prior to the

2   step of receiving the user request the steps of caching the template program in a storage

3   location local to the page server.

1   12.   (Original) The method of claim 10, further comprising the step of

2   receiving user preferences for the user, wherein the user preferences indicate the items of

NAZEM et al.
Application No.: 09/393,718
Page 3

PATENT

3   interest to the user, and combining the user preferences with a generic template to form

4   the template program specific to the user.

1   13.   (Original) The method of claim 12, further including the step of

2   providing the template program specific to the user to the page server.

1   14.   (Original) The method of claim 12, wherein the page server

2   performs the step of combining the user preferences with the generic template.

1   15.   (Original) The method of claim 10, wherein the real-time

2   information comprises stock quotes, sports scores and news headlines.

1   16.   (Original) The method of claim 10, further comprising a step of

2   generating a default user configuration for the user based on demographic information of

3   the user.

1   17.   (Original) The method of claim 16, wherein the step of generating

2   a default user configuration comprises the steps of:

3   determining a default list of cities for a weather report based on user

4   demographic information; and

5   determining one or more sports teams for sports reporting based on user

6   demographic information.

1   18.   (Original) The method of claim 16, wherein the steps of

2   determining comprise the steps of:

3   obtaining user postal code information;

4   translating the postal code information to user geographic position;

5   comparing the user geographic position to geographic positions assigned

6   to each city and sports team; and

7   determining a threshold distance from the user geographic position which is greater than

8   or equal to a distance to a predetermined nonzero number of cities and a predetermined

9   nonzero number of sports team geographic positions.

1   19.   (Currently Amended) Using a page server, a method of providing

2   real-time responses to user requests from a plurality of users for customized pages, the

3   method comprising the steps of:

4   obtaining user preferences for the plurality of users, wherein a user's user

5   preferences indicate items of interest to that user;

6   obtaining real-time information from information sources;

7   storing the real-time information in a storage device;

8   for each of the plurality of users, combining the user preferences for a

9   specific user and a template to form a template program specific to the user at the page

10   server;

11   <u>storing user-specific template programs for each of the plurality of users in</u>

12   <u>a data structure indexed by user identifiers;</u>

13   receiving, from a user at the page server, a user request for a customized

14   page ~~customized according to the user preferences~~;

15   <u>determining a user identifier associated with the request;</u>

16   <u>retrieving a stored template program specific to the user in the data</u>

17   <u>structure using the determined user identifier for the user;</u>

18   executing the template program specific to the user using the real-time

19   information stored in the storage device as input to the template program to generate the

20   customized page at the page server <u>according to the user preferences</u>; and

21   providing the user with the customized page, wherein the steps of

22   executing and providing are performed in real-time response to receipt of the user request

23   in the step of receiving and wherein the customized page includes at least one item of

24   real-time information selected from the storage device.

NAZEM et al.
Application No.: 09/393,718
Page 5

PATENT

1   20. (Currently Amended) In a page server coupled to a network, a

2 method of providing customized pages to a plurality of users, wherein a customized page

3 for a user is customized according to the user's preferences, the method comprising the

4 steps of:

5   obtaining real-time information from information sources;

6   storing the real-time information in a storage device;

7   storing user-specific template programs for each of the plurality of users in

8 a data structure indexed by user identifiers;

9   receiving, at the page server, requests for a customized page from the

10 plurality of users, wherein a first request is received from a first user in the plurality of

11 users and a second request is received from a second user; and thereafter

12   determining a first user identifier associated with the first request;

13   determining a second user identifier associated with the second request;

14   retrieving a first stored template program specific to the first user in the

15 data structure using the determined first user identifier for the first user;

16   retrieving a second stored template program specific to the second user in

17 the data structure using the determined second user identifier for the second user;

18   executing a-the first template program specific to the first user and a-the

19 second template program specific to the second user using the real-time information

20 stored in the storage device as input to the first and second template programs to generate

21 a first customized page for the first user and a second customized page for the second

22 user, wherein the first template program uses data associated with the first user and the

23 second user template uses data associated with the second user; and

24   providing the first user with the first customized page and the second user

25 with the second customized page, wherein the first and second customized page include

26 at least one item of real-time information selected from the storage device.

NAZEM et al.
Application No.: 09/393,718
Page 6

PATENT

1   21.   (Previously Added) The method of claim 20, further including
2   prior to the step of receiving the user requests the steps of caching the first and second
3   template programs in a storage location local to the page server.

1   22.   (Previously Added) The method of claim 20, further comprising
2   the step of receiving user preferences for the first and second users, wherein the user
3   preferences indicate the items of interest to the first and second users, and combining the
4   user preferences for the first user with a generic template to form the first template
5   program specific to the first user and combining the user preferences for the second user
6   with the generic template to form the second template program specific to the second
7   user.

1   23.   (Previously Added) The method of claim 22, further including the
2   step of providing the first and second template programs to the page server.

1   24.   (Previously Added) The method of claim 22, wherein the page
2   server performs the step of combining the user preferences with the generic template for
3   the first and second users.

1   25.   (Previously Added) The method of claim 20, wherein the real-time
2   information comprises stock quotes, sports scores and news headlines.

1   26.   (Previously Added) The method of claim 20, further comprising a
2   step of generating a default user configuration for the first and second users based on
3   demographic information of the first and second users.

1   27.   (Previously Added) The method of claim 26, wherein the step of
2   generating a default user configuration comprises the steps of:
3   determining a default list of cities for a weather report based on user
4   demographic information; and

NAZEM et al.
Application No.: 09/393,718
Page 7

PATENT

5   determining one or more sports teams for sports reporting based on user

6 demographic information.

1   28.   (Previously Added) The method of claim 26, wherein the steps of

2 determining comprise, for the first and second users, the steps of:

3   obtaining user postal code information;

4   translating the postal code information to user geographic position;

5   comparing the user geographic position to geographic positions assigned

6 to each city and sports team; and

7   determining a threshold distance from the user geographic position which

8 is greater than or equal to a distance to a predetermined nonzero number of cities and a

9 predetermined nonzero number of sports team geographic positions.